

Appl. No. 10/642,991
Amtd. dated March 21, 2006
Reply to Office Action of June 3, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please add new claims 13-20 and amend claims 1-3, 7 and 10 as follows:

1. (currently amended) A wireless communication system for supporting communication by a plurality of wireless devices, comprising:
 - a packet data interface for supporting packet data communication by each of the plurality of wireless devices;
 - a voice interface for supporting voice communication by each of the plurality of wireless devices; and
 - ~~a central data server operative to providing data and centralized directory services and centrally controlled calling features to each of the plurality of wireless devices through a packet data connection in order to furnish data to a wireless device upon request by the wireless devices, the central data server providing common access to data by two or more of the wireless devices, the data furnished by the central data server including user accessible data and features.~~

2. (currently amended) The system of claim 1, wherein the data server is a ~~directory server operative to stores~~ a calling directory of parties that may be called, the calling directory storing an identification of each party in association with the telephone number of the party, and to ~~the data server searches~~ the calling directory ~~in response to a query by a wireless~~

Appl. No. 10/642,991
Amtd. dated March 21, 2006
Reply to Office Action of June 3, 2005

device and provides desired calling information to the wireless device upon request by the wireless device ~~for calling information~~.

3. (currently amended) The system of claim 2, wherein the data server is further operative to ~~stores~~ a command set for the implementation of calling features available to ~~at least~~ ~~two of the plurality of~~ wireless devices and to transfer desired commands to ~~a~~ the plurality of wireless devices when required requested.

4. (previously presented) The system of claim 3, wherein the voice interface includes a mobile switching center to support switched voice communication by the wireless devices.

5. (previously presented) The system of claim 4, wherein the voice interface further includes a voice over internet protocol interface to support voice communication by the wireless device over a packet data connection.

6. (previously presented) The system of claim 5, wherein the data server is further operative to initiate a first call to a telephone number identified in the calling information provided to a requesting wireless device, to initiate a second call to the requesting wireless device, and to bridge together the first and second calls to establish a connection between the wireless device and the identified telephone number.

7. (currently amended) A wireless device for communication using directory information and calling features through a packet data connection with a data server, comprising:
a voice connection interface for establishing and maintaining a voice connection for voice communication through a switched voice network; and

Appl. No. 10/642,991
Amdt. dated March 21, 2006
Reply to Office Action of June 3, 2005

a business service client module for retrieving from the data server calling information commonly accessible by the wireless device and by other similar wireless devices and for processing and presenting calling information received from the data server, the business service client module being operative to access centralized directory services and centrally controlled calling features provided by the data server, and to direct the initiation of voice communication with a desired telephone upon identification and retrieval of the desired telephone number from the data server.

8. (original) The wireless device of claim 7, wherein the business service client module is further operative to retrieve commands from the data server and to implement calling features using the commands.

9. (original) The wireless device of claim 8, further comprising a voice over internet protocol interface for establishing and maintaining a packet data connection in order to carry on voice communication through the packet data connection.

10. (currently amended) A method of wireless communication, comprising the steps of:

establishing a packet data connection between one of a plurality of wireless devices and a directory and features server storing calling information commonly accessible to two or more of the wireless devices;

selecting desired calling information from centralized directory services and centrally controlled calling features provided by the server and delivering the calling information to a requesting wireless device; and

Appl. No. 10/642,991
Amtd. dated March 21, 2006
Reply to Office Action of June 3, 2005

initiating and maintaining a call from the requesting wireless device to a telephone identified by the calling information delivered from the server.

11. (previously presented) The method of claim 10, wherein the step of selecting the desired calling information further includes presenting a series of selection interfaces to the requesting wireless device and conducting a search in the directory and features server based on user responses to the selection interfaces.

12. (previously presented) The method of claim 11, wherein the step of establishing the packet data connection is followed by a step of delivering a set of commands to the requesting wireless device to allow access to calling features implemented by the commands.

13. (new) The system of claim 1 wherein the centrally controlled calling features comprise commands utilized to implement monitoring a telephone that is busy when called and providing an alert when the telephone being monitored is no longer busy.

14. (new) The system of claim 1 wherein the centralized directory services comprise storing records for an employee of an enterprise including a hierarchical listing or a series of function descriptions of the employee's position in the enterprise.

15. (new) The system of claim 1 wherein the centrally controlled calling features comprise commands utilized to implement configuration of a particular wireless device consistent with a user profile whereby different users may conveniently configure the particular wireless device to their preferences.

16. (new) The system of claim 1 wherein the centrally controlled calling features comprise commands with different commands available to different classes of users.

Appl. No. 10/642,991
Amtd. dated March 21, 2006
Reply to Office Action of June 3, 2005

17. (new) The system of claim 1 wherein the voice interface senses conditions relating to voice communication.
18. (new) The system of claim 1 wherein the centrally controlled calling features comprise commands downloaded as needed to allow a particular wireless device to take advantage of special features offered by a system with which it is to be used.
19. (new) The method of claim 10 further comprising: downloading commands from the directory and features server utilized by the plurality of wireless devices to implement calling features.
20. (new) The method of claim 19 wherein said calling features comprise monitoring a telephone that is busy when called and providing an alert when the telephone being monitored is no longer busy.